



Sheet 1 of 21/8

Form PTO-1449 ModifiedList of Patent and Publications
Cited by Applicant
(Use several sheets if necessary)U.S. Department of Commerce
Patent and Trademark OfficeDocket No.
ELSE-0819Application No.
10/617,844Applicant
Rodney C. Hemminger, et al.Filing Date
July 11, 2003Group
Not Yet Assigned-2829**U. S. PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Name	Class	Subclass
<i>RV</i>	1	2,724,821	11/22/55	E.Q. Schweitzer, Jr.		
<i>RV</i>	2	3,794,917	2/26/1974	Martin et al.		
<i>RV</i>	3	3,806,875	4/23/1974	Georget		
<i>RV</i>	4	3,826,985	7/30/1974	Wiley		
<i>RV</i>	5	3,976,941	8/24/1976	Milkovic		
<i>RV</i>	6	4,007,061	2/8/1977	Le Coturier		
<i>RV</i>	7	4,034,292	7/5/1977	McClelland, III		
<i>RV</i>	8	4,077,061	2/28/1978	Johnston et al.		
<i>RV</i>	9	4,092,592	5/30/1978	Milkovic		
<i>RV</i>	10	4,096,436	6/20/1978	Cook et al.		

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
	11	0-288 413 A1	10/1988	EPO	x	
	12	0-462 045 A1	12/1991	EPO	x	
	13	1-239473	9/1989	JP	Abstract	
	14	1-239474	9/1989	JP	Abstract	
	15	1-239475	9/1989	JP	Abstract	

EXAMINER *[Signature]*DATE CONSIDERED **5-31-06**

Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office				Docket No. ELSE-0819		Application No. 10/617,844	
				Applicant Rodney C. Hemminger, et al.			
				Filing Date July 11, 2003		Group Not Yet Assigned 2829	
U. S. PATENT DOCUMENTS							
Examiner Initial		Document No.	Date	Name	Class	Subclass	
<i>Ru</i>	16	4,119,948	10/10/1978	Ward et al.			
<i>Ru</i>	17	4,120,031	10/10/1978	Kincheloe et al.			
<i>Ru</i>	18	4,131,844	12/26/1978	Hucker et al.			
<i>Ru</i>	19	4,156,273	5/22/1979	Sato			
<i>Ru</i>	20	4,156,931	5/29/1979	Adelman et al.			
<i>Ru</i>	21	4,156,932	5/29/1979	Robinson et al.			
<i>Ru</i>	22	4,158,810	6/19/1979	Leskovar			
<i>Ru</i>	23	4,186,339	1/29/1980	Finger			
<i>Ru</i>	24	4,209,826	6/24/1980	Priegnitz			
<i>Ru</i>	25	4,213,119	7/15/1980	Ward et al.			
FOREIGN PATENT DOCUMENTS							
Examiner Initial		Document No.	Date	Country	Translation		
					YES	NO	
<i>Ru</i>	26	2 095 879	1/1982	Great Britain			
	27	61-11680	1/1986	JP <i>Duplicate</i>	Abstract		
	28	61-284670	12/1986	JP <i>Duplicate</i>	Abstract		
	29	61-38569	2/1986	JP <i>Duplicate</i>	Abstract		
	30	68113/87	8/1987	Australia <i>Duplicate</i>	*		
EXAMINER <i>R. Hemminger</i>				DATE CONSIDERED <i>5-31-06</i>			

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Examiner Initial		Document No.	Date	Name	Class	Subclass
<i>RK</i>	31	4,283,772	8/11/1981	Johnston		
<i>RK</i>	32	4,291,375	9/22/1981	Wolf		
<i>RK</i>	33	4,298,839	11/3/1981	Johnston		
<i>RK</i>	34	4,301,508	11/17/1981	Anderson et al.		
<i>RK</i>	35	4,315,248	2/9/1982	Ward		
<i>RK</i>	36	4,335,445	6/15/1982	Nercessian		
<i>RK</i>	37	4,355,361	10/19/1982	Riggs et al.		
<i>RK</i>	38	4,359,684	11/16/1982	Ley		
<i>RK</i>	39	4,361,877	11/30/1982	Dyer et al.		
<i>RK</i>	40	4,378,524	3/29/1983	Steinmüller		

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
<i>RK</i>	41	EP 0 092 303 B1	10/86	EPO	x	
<i>RK</i>	42	GB 2177 805 A	1/1987	Great Britain	x	
<i>RK</i>	43	WO 86/05887	10/1986	WO	x	

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Examiner Initial	Document No.	Date	Name	Class	Subclass	
<i>RL</i>	44	4,389,702	6/21/1983	Clemente et al.		
<i>RL</i>	45	4,399,510	8/16/1983	Hicks		
<i>RL</i>	46	4,407,061	10/4/1983	Grodziewicz et al.		
<i>RL</i>	47	4,415,853	11/15/1983	Fisher		
<i>RL</i>	48	4,420,721	12/13/1983	Dorey et al.		
<i>RL</i>	49	4,422,039	12/20/1983	Davis		
<i>RL</i>	50	4,437,059	3/13/1984	Hauptmann		
<i>RL</i>	51	4,438,485	3/20/1984	Voigt		
<i>RL</i>	52	4,439,764	3/27/1984	York et al.		
<i>RL</i>	53	4,467,434	8/21/1984	Hurley et al.		

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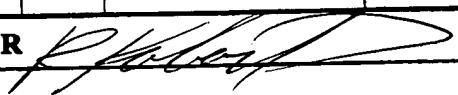
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Examiner Initial		Document No.	Date	Name	Class	Subclass
<i>Re</i>	54	4,489,384	12/18/1984	Hurley et al.		
<i>Re</i>	55	4,497,017	1/29/1985	Davis		
<i>Re</i>	56	4,509,128	4/2/1985	Coppola et al.		
<i>Re</i>	57	4,516,213	5/7/1985	Gidden		
<i>Re</i>	58	4,542,469	9/17/1985	Brandyberry et al.		
<i>Re</i>	59	4,566,060	1/21/1986	Hoeksma		
<i>Re</i>	60	4,581,705	4/8/1986	Gilker et al.		
<i>Re</i>	61	4,600,881	7/15/1986	LaRocca et al.		
<i>Re</i>	62	4,607,320	8/19/1986	Matui et al.		
<i>Re</i>	63	4,621,330	11/4/1986	Weikel		

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<i>RL</i>	64	4,622,627	11/11/1986	Rodriguez et al.		
<i>RL</i>	65	4,623,960	11/18/1986	Eng		
<i>RL</i>	66	4,642,634	2/10/1987	Gerri et al.		
<i>RL</i>	67	4,646,084	2/24/1987	Burrowes et al.		
<i>RL</i>	68	4,686,460	8/11/1987	Stevens et al.		
<i>RL</i>	69	4,692,874	9/8/1987	Mihara		
<i>RL</i>	70	4,697,180	9/29/1987	Swanson		
<i>RL</i>	71	4,700,280	10/13/1987	Onda et al.		
<i>RL</i>	72	4,701,858	10/20/1987	Stokes et al.		
<i>RL</i>	73	4,713,608	12/15/1987	Catiller et al.		

FOREIGN PATENT DOCUMENTS

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Examiner Initial	Document No.	Date	Name	Class	Subclass
<i>RL</i>	74	4,754,219	6/28/1988	Milkovic	
<i>RL</i>	75	4,757,456	7/12/1988	Benghiat	
<i>RL</i>	76	4,761,725	8/2/1988	Henze	
<i>RL</i>	77	4,794,369	12/27/1988	Haferd	
<i>RL</i>	78	4,803,632	2/7/1989	Frew et al.	
<i>RL</i>	79	4,814,757	3/21/1989	Patterson et al.	
<i>RL</i>	80	4,831,327	5/16/1989	Chénier et al.	
<i>RL</i>	81	4,853,620	8/1/1989	Halder et al.	
<i>RL</i>	82	4,862,493	8/29/1989	Venkataraman et al.	
<i>RL</i>	83	4,866,587	9/12/1989	Wadlington	

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<i>RL</i>	84	4,881,027	11/14/1989	Joder et al.		
<i>RL</i>	85	4,881,070	11/14/1989	Burrowes et al.		
<i>RL</i>	86	4,884,021	11/28/1989	Hammond et al.		
<i>RL</i>	87	4,896,106	1/23/1990	Voisine et al.		
<i>RL</i>	88	4,902,964	2/20/1990	Szabela et al.		
<i>RL</i>	89	4,902,965	2/20/1990	Bodrug et al.		
<i>RL</i>	90	4,908,569	3/13/1990	Fest		
<i>RL</i>	91	4,908,769	3/13/1990	Vaughan et al.		
<i>RL</i>	92	4,922,187	5/1/1990	Beverly, II		
<i>RL</i>	93	4,922,399	5/1/1990	Tsuzuki		

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Examiner Initial		Document No.	Date	Name	Class	Subclass
<i>Ku</i>	94	4,931,725	6/5/1990	Hutt et al.		
<i>Ru</i>	95	4,949,029	8/14/1990	Cooper et al.		
<i>Ku</i>	96	4,951,052	8/21/1990	Jacob et al.		
<i>Ku</i>	97	4,956,761	9/11/1990	Higashi		
<i>Ru</i>	98	4,975,592	12/4/1990	Hahn et al.		
<i>Ru</i>	99	4,977,368	12/11/1990	Munday et al.		
<i>Ru</i>	100	4,978,911	12/18/1990	Perry et al.		
<i>Ru</i>	101	4,998,061	3/5/1991	Voisine et al.		
<i>Ru</i>	102	4,999,569	3/12/1991	Weikel		
<i>Ru</i>	103	5,010,335	4/23/1991	Coppola et al.		

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Examiner Initial		Document No.	Date	Name	Class	Subclass
<i>RE</i>	104	5,014,213	5/7/1991	Edwards et al.		
<i>RE</i>	105	5,017,860	5/21/1991	Germer et al.		
<i>RE</i>	106	5,019,955	5/28/1991	Hoeksma		
<i>RE</i>	107	5,032,785	7/16/1991	Mathis et al.		
<i>RE</i>	108	5,059,896	10/22/1991	Germer et al.		
<i>RE</i>	109	5,122,735	6/16/1992	Porter et al.		
<i>RE</i>	110	5,140,511	8/18/1992	Lee et al.		
<i>RE</i>	111	5,151,866	9/29/1992	Glaser et al.		
<i>RE</i>	112	5,153,837	10/6/1992	Shaffer et al.		
<i>RE</i>	113	5,173,657	12/22/1992	Holdsclaw		

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U. S. PATENT DOCUMENTS

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<i>RL</i>	114	5,175,675	12/29/1992	Uramoto		
<i>RL</i>	115	5,181,026	1/19/1993	Granville		
<i>RL</i>	116	5,184,064	2/2/1993	Vicknair et al.		
<i>RL</i>	117	5,229,713	7/20/1993	Bullock et al.		
<i>RL</i>	118	5,245,275	9/14/1993	Germer et al.		
<i>RL</i>	119	5,268,633	12/7/1993	Balch		
<i>RL</i>	120	5,270,958	12/14/1993	Dastous		
<i>RL</i>	121	5,287,287	2/15/1994	Chamberlain et al.		
<i>RL</i>	122	5,296,803	3/22/1994	Kirby et al.		
<i>RL</i>	123	5,315,527	5/24/1994	Beckwith		

FOREIGN PATENT DOCUMENTS

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<i>RL</i>	124	5,325,051	6/28/1994	Germer et al.		
<i>RL</i>	125	5,391,983	2/21/1995	Lisignan et al.		
<i>RL</i>	126	5,457,621	10/10/1995	Munday et al.		
<i>RL</i>	127	5,495,167	2/27/96	Cotroneo		
<i>RL</i>	128	5,537,029	7/16/1996	Hemminger et al.		
<i>RL</i>	129	5,539,304	7/23/96	Payne et al.		
<i>RL</i>	130	5,544,089	8/6/1996	Hemminger et al.		
<i>RL</i>	131	5,548,209	8/20/1996	Lusignan et al.		
<i>RL</i>	132	5,548,527	8/20/1996	Hemminger et al.		
<i>RL</i>	133	5,555,508	9/10/1996	Munday et al.		
<i>RL</i>	134	5,903,145	5/11/1999	Hemminger et al.		
<i>RL</i>	135	6,229,295 B1	5/8/2001	Hemminger et al.		
<i>RL</i>	136	5,621,629	04/97	Hemminger, et al.	363	56
<i>RL</i>	137	6,097,182	08/00	Hemminger, et al.	324	142
<i>RL</i>	138	5,742,151	04/98	Hwang	323	222
<i>RL</i>	139	5,808,455	09/98	Schwartz, et al.	323	271
<i>RL</i>	140	3,569,818	03/71	Pahlinger, et al	363	21.12
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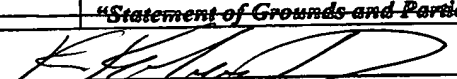
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Examiner Initial		Document No.	Date	Name	Class	Subclass
RL	141	4,241,237	12/23/80	Paraskevagos, et al.	379	106.06
RL	142	4,335,447	06/15/82	Jerrim	714	22
RL	143	4,455,453	06/19/84	Paraskevagos, et al.	379	106.06
RL	144	4,620,150	10/28/86	Germer, et al.	324	103.12
RL	145	4,639,728	01/27/87	Swanson	340	870.03
RL	146	4,682,169	07/21/87	Swanson	379	102.07
RL	147	4,697,181	09/29/87	Swanson	340	870.02
RL	148	4,697,182	09/29/87	Swanson	340	870.02
RL	149	4,804,957	02/14/89	Selph, et al.	340	870.03
RL	150	4,999,572	03/12/91	Bickford, et al.	324	103R
RL	151	5,146,394	09/08/92	Ishii, et al.	363	16
RL	152	5,237,511	08/17/93	Caird, et al.	702	58
RL	153	5,289,115	02/22/94	Germer, et al.	324	107
RL	154	5,469,049	11/21/95	Briese, et al.	324	76.77
RL	155	5,471,137	11/28/95	Briese, et al.	324	158.1
RL	156	5,537,333	07/16/96	Hemminger, et al.	702	60
RL	157	5,621,629	04/15/97	Hemminger, et al.	363	56.1
RL	158	5,631,554	05/20/97	Briese, et al.	324	76.77
RL	159	5,631,843	05/20/97	Munday, et al.	700	286
RL	160	5,691,634	11/25/97	Lowe	324	107

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
Rk	161	"Enter the Electronic Metering Age With GE, The Electronic Polyphase Demand Meter, GE Electronic Metering," <i>GE Meters Brochure</i> , Somersworth, NH, Sept. 1989	
Rk	162	G.A. Kingston, et al., "Multi Function Polyphase Metering - An Integrated Approach," Schlumberger Industries Electricity Management, UK (No Date)	
Rk	163	Garverick, Steven L. et al., "A Programmable Mixed-Signal ASIC of Power Metering," ISSCC91/Session 2/Low-Temperature Circuits and Special-Purpose Processors/Paper WP 2.4, IEEE International Solid -State Circuits Conference, 1991 (No Month)	
Rk	164	Garverick, Steven L. et al., "A Programmable Mixed-Signal ASIC for Power Metering," IEEE Journal of Solid-State Circuits, Vol. 26, No. 12, December 1991	
	165	GOW, J., <i>Electrical Metering Practices</i> , 1973 - <i>Copy of Reference not available</i>	
Rk	166	H. Kohler, "Elektronischer Hochprazisionzahler im 19-Zoll-Einbaugheause fur Wirkverbrauch-und Blindverbrauchzuehlung," Siemens Magazine, pp. 345-349, 1977 (No Month)	
	167	Handbook for Electricity Metering, 1981 - <i>Copy of Reference not available</i>	
Rk	168	HP Eggenberger, "Ein Elektronischer Elektrizitatszahler fur Wir -und Blindverrauch," Neue Zurcher Zeitung, September 6, 1989	
	169	In the Matter of Australian Patent Application No. 688711 in the name of ABB Power T&D Company Inc. and In the Matter of Opposition thereto by Electrowatt Technology Innovation Corporation, "Statement of Grounds and Particulars in Support of Opposition, August 12, 1998"	
	170	In the Matter of Australian Patent Application 688711 in the name of ABB Power T&D Company Inc. and In the Matter of Opposition Thereto by Electrowatt Technology Innovation Corporation, Revised "Statement of Grounds and Particulars in Support of Opposition, February 19, 1999."	
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<i>RK</i>	171	Landis & Gyr, "Electronic Meter, Class 0,2: ZFRI, ZMRI," July 1971	
<i>RK</i>	172	Landis & Gyr Bulletin 920 Instruction/Technical Manual, Solid State Meter Class 20, Form 9S, 1" printing 3/87	
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		Applicant Rodney C. Hemminger, et al.	
		Filing Date July 11, 2003	Group Not Yet Assigned 2829
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	Applicant Rodney C. Hemminger, et al.	
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